

COMPLEX DATA NAVIGATION, MANIPULATION AND  
PRESENTATION SUPPORT FOR VISUALAGE JAVA

ABSTRACT

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An object oriented computing system in an object oriented  
computing platform environment. The computing system  
comprises a computing platform, and a plurality of  
objects residing on said computing platform. Each of  
10 these objects includes an object frame containing data  
attributes and at least one object method which performs  
actions on the associated object. The objects are  
arranged in an inheritance hierarchy of objects to define  
parent and child objects, such that child objects inherit  
15 the data attributes and methods of parent objects, and to  
further define objects in the inheritance hierarchy which  
are unrelated as parent and child objects, such that  
unrelated objects do not inherit the data attributes and  
method of each other. Visual support means are provided  
20 to display visually predefined aspects of the objects and  
complex objects.